

06-18-01

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JCEP-0.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37CFR§1.53(b))

Attorney Docket No. KLR:7146.100

First Inventor or Application Identifier van Beek

Title METADATA IN JPEG 2000 FILE FORMAT

Express Mail Label No. EL 744773039 US

11000 U.S. PTO

09/882416

06/15/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ *Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
See 37 C.F.R. 1.27
3. ☒ Specification [Total pages 41]
(preferred arrangement set forth below)
- Descriptive Title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Federally Sponsored R&D
 - Reference to sequence listing, a table or a computer program listing
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages 7]
5. Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))
(for continuation/divisional with Box 17 completed)
- i. ☐ Deletion of Inventor(s)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 C.F.R.
§§1.53(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table, or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on
- i. ☐ CD-ROM or CD-R (2 copies) or
- ii. ☐ paper
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English translation document (if applicable)
12. ☐ Information Disclosure Statement (IDS) /PTO 1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B) (i)
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 C.F.R. 1.76.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: ____/____

Prior application information: Examiner _____

Group No./Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert customer number or attach bar code label here) or ☐ Correspondence address belowName Timothy A. Long
Chernoff, Vilhauer, McClung and Stenzel, L.L.P.

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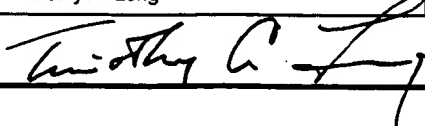
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Registration No. (Attorney/Agent) 28,876

Signature



Date June 15, 2001

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number

Filing Date

06/15/01

First Named Inventor

van Beek

Examiner Name

Group/ Art Unit

TOTAL AMOUNT OF PAYMENT

\$1,572

Attorney Docket No.

KLR:7146.100

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to:

Deposit Account Number 03-1550

Deposit Account Name Chernoff Vilhauer McClung & Stenzel

☒ Charge any additional fee required under 37 CFR 1.16 & 1.17

2. ☐ Payment Enclosed

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					\$710

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
59	-20** = 39	x 18 = 702	
Indep. Claims	5	-3** = 2	x 80 = 160
Multiple Dependent			= 0

*or number of previously paid, if greater. For reissues, see below.

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	*Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$862

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205		65 Surcharge - late filing fee or oath	
127	50	227		25 Surcharge-late provisional filing fee or cover sheet	
139	130	139		130 Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112		920* Requesting publication of SIR prior to Examiner action	
113	1840*	113		1840* Requesting publication of SIR after Examiner action	
115	110	215		55 Extension for reply within first month	
116	390	216		195 Extension for reply within second month	
117	890	217		445 Extension for reply within third month	
118	1,390	218		695 Extension for reply within fourth month	
128	1,890	228		945 Extension for reply within fifth month	
119	310	219		155 Notice of Appeal	
120	310	220		155 Filing a brief in support of an appeal	
121	270	221		135 Request for oral hearing	
138	1,510	138		1,510 Petition to institute a public use proceeding	
140	110	240		55 Petition to revive - unavoidable	
141	1,240	241		620 Petition to revive - unintentional	
142	1,240	242		620 Utility issue fee (or reissue)	
143	440	243		220 Design issue fee	
144	600	244		300 Plant issue fee	
122	130	122		130 Petitions to the Commissioner	
123	50	123		50 Petitions related to provisional applications	
126	240	126		240 Submission of Information Disclosure Statement	
581	40	581		40 Recording each patent assignment per property (times number of properties)	
146	710	246		355 Filing a submission after final rejection (37 C.F.R. 1.129(a))	
149	710	249		355 For each additional invention to be examined (37 C.F.R. 1.129(b))	
169	900	169		900 Request for Expedited Examination of a Design Application	

Other (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$0

SUBMITTED BY

Complete (if applicable)

Name (print type)

Timothy A. Long

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Signature


Timothy A. Long

Date

June 15, 2001

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a continuous function and that it satisfies the functional equation $f(x+y) = f(x) + f(y)$. The function $f(x)$ is also shown to be differentiable and its derivative is found to be $f'(x) = f(x)$. This implies that $f(x) = Ce^x$ for some constant C . The value of C is determined by the initial condition $f(0) = 1$, which gives $C = 1$. Therefore, the function $f(x)$ is $f(x) = e^x$.

Date of Deposit: June 15, 2001


Dwight Bergquist-Moody